

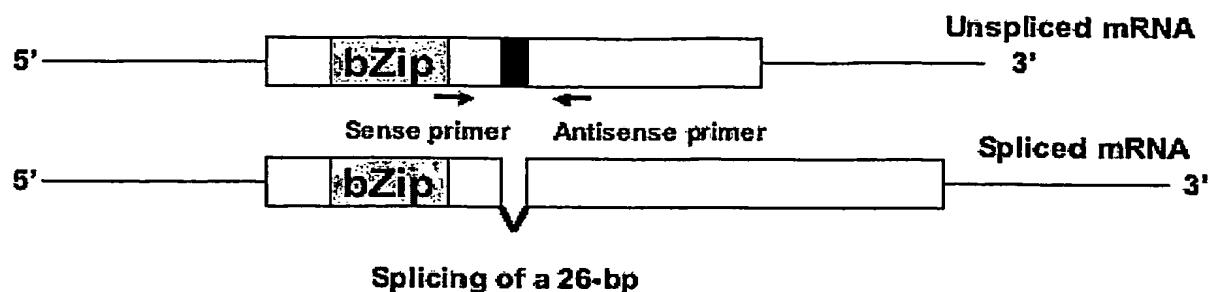
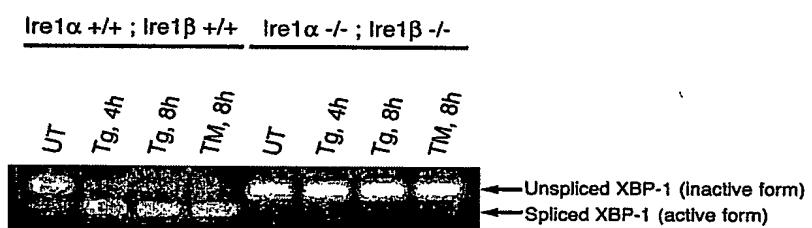
Figure 1A.**Figure 1B.**

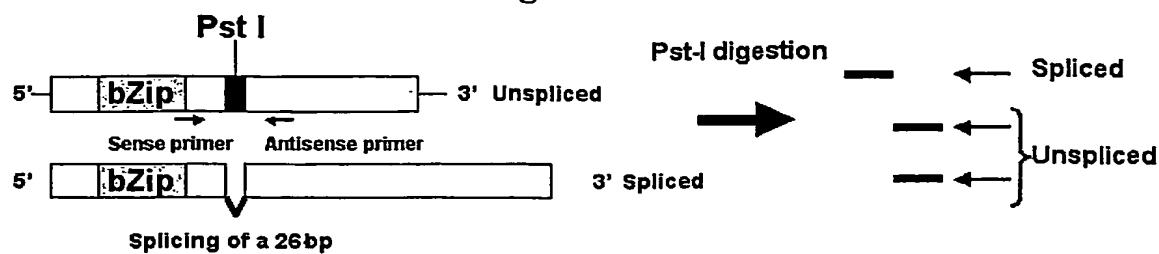
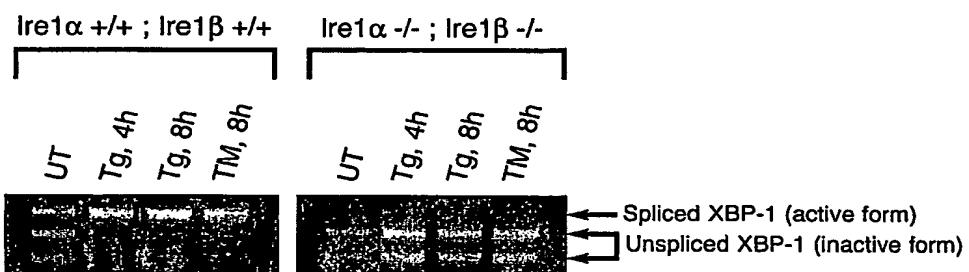
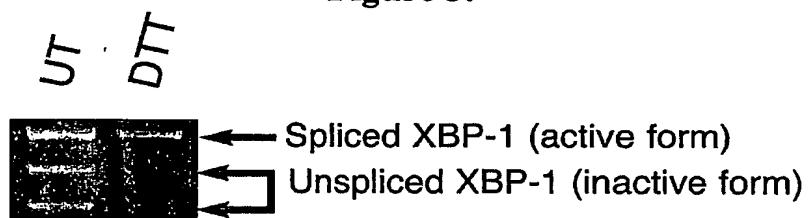
Figure 2A.**Figure 2B.****Figure 3.****Figure 4**

Figure 5A

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301 tggAACAGCA agtggtagat ttagaagaag
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541 tccccatggaa ttctggcggt attgacttct
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901 ttgtctcatgt gaaggaaag cctgtagaag
961 atctgtttc atccaggac tgcccaaagc
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1081 accatttcttggg gaggacact tttgccaatg
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1381 tttaagatttgc tacttttgc taaaagggt
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Figure 5B

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VAEEEA₂₆EAKGN₂₇EV₂₈RPVAG₂₉SAESAAGAG₃₀GPV₃₁TPPE₃₂HL₃₃PM₃₄D₃₅SG₃₆G₃₇ID₃₈S₃₉SD₄₀E₄₁S₄₂D₄₃I₄₄L₄₅G₄₆LD₄₇N₄₈L₄₉D₅₀P₅₁V₅₂M₅₃F₅₄K₅₅C₅₆P₅₇
EPASLEELPEV₅₉YPEG₆₀P₆₁S₆₂L₆₃P₆₄AS₆₅L₆₆S₆₇V₆₈G₆₉T₇₀S₇₁A₇₂K₇₃L₇₄E₇₅A₇₆I₇₇N₇₈E₇₉L₈₀I₈₁R₈₂F₈₃D₈₄H₈₅I₈₆Y₈₇T₈₈K₈₉P₉₀V₉₁L₉₂E₉₃I₉₄P₉₅S₉₆E₉₇T₉₈E₉₉S₁₀₀Q₁₀₁A₁₀₂N₁₀₃V₁₀₄V₁₀₅V₁₀₆K₁₀₇I₁₀₈E₁₀₉
APLSPSENDHPEFIVSVKEEPVEDDLVPELG₁₁₁ISNLLSSHCPK₁₁₄P₁₁₅S₁₁₆CLLDAY₁₁₇SDCGYGG₁₁₈SLSPF₁₁₉SDM₁₂₀SSLL
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Figure 6A

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1321 gtattgtctt ttgacatccca gcagtcctaaag gtagtgcgatc atattacttgc aagtaagaaa
1381 tattactata attgagaact acatgttttgc agatgttact tttatctttaa aagggtggta
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1681 atgtaaatgc ttgtatggaaat ttttcctgc tagtgttagt tctgaaaggt gtttctccaa
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Figure 6B

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VAEEEAEEAKNEVRPVAGSAESAALRLRAPILOQQVQAOLSPONTSPWILAVLTLQIQSLSLICWFATWTQ
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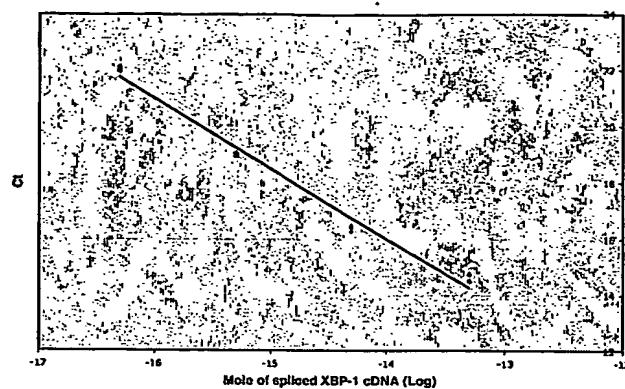
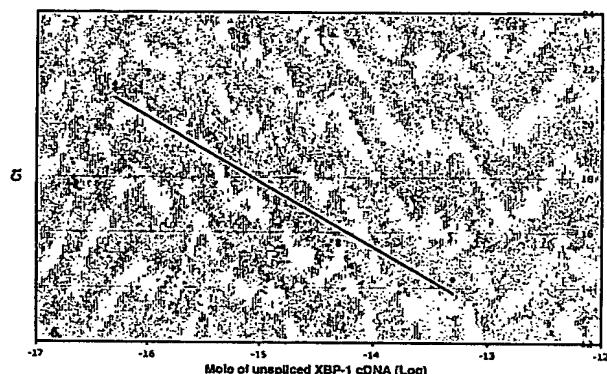
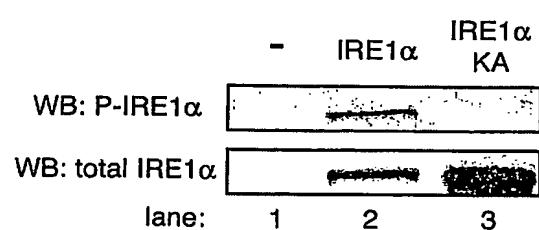
Figure 7**Figure 8****Figure 9**

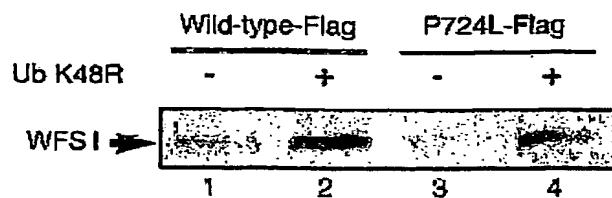
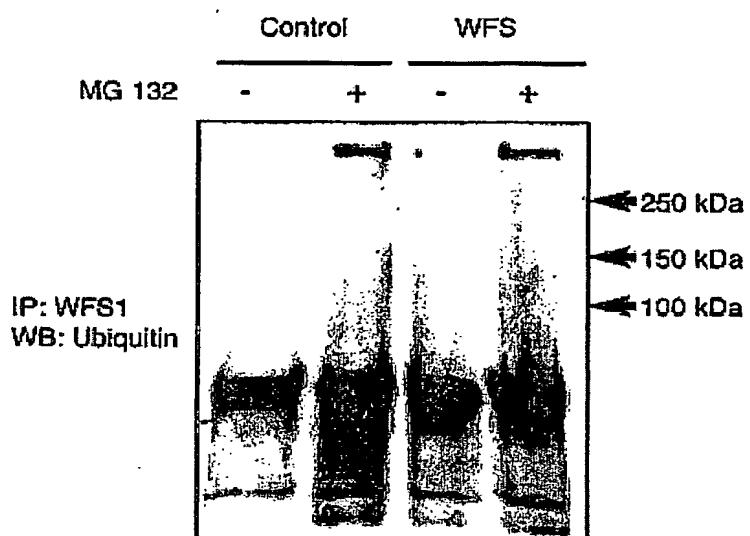
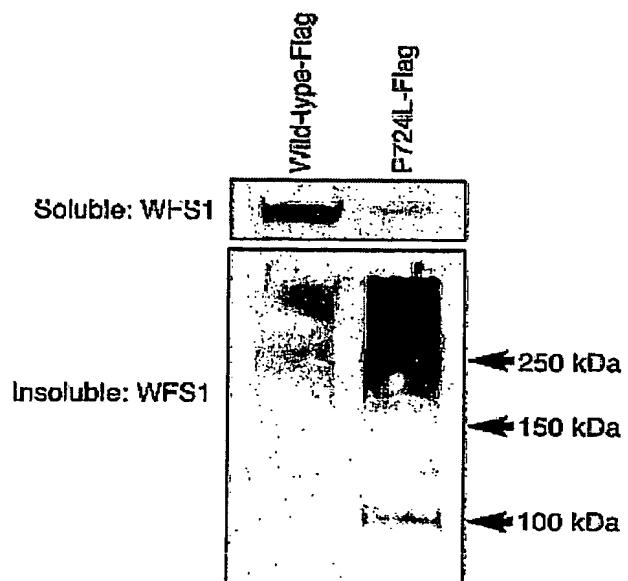
Figure 10**Figure 11****Figure 12**

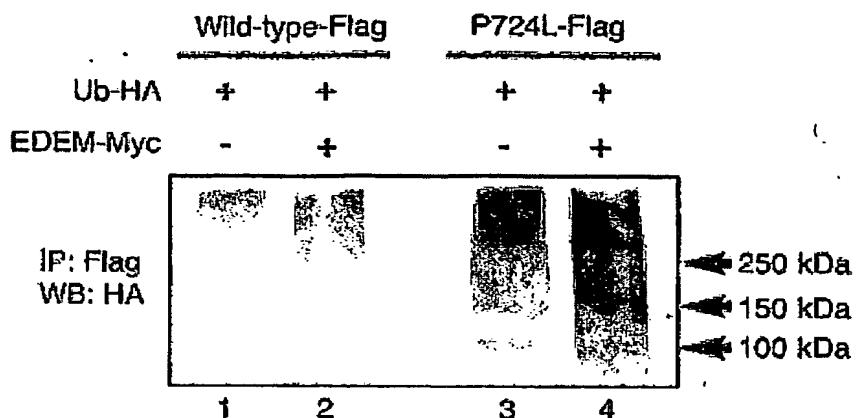
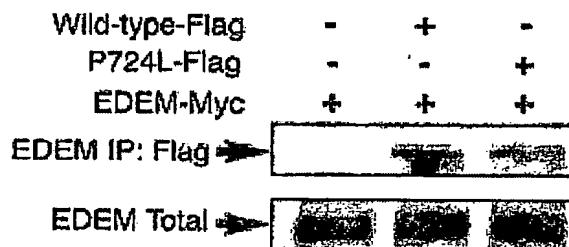
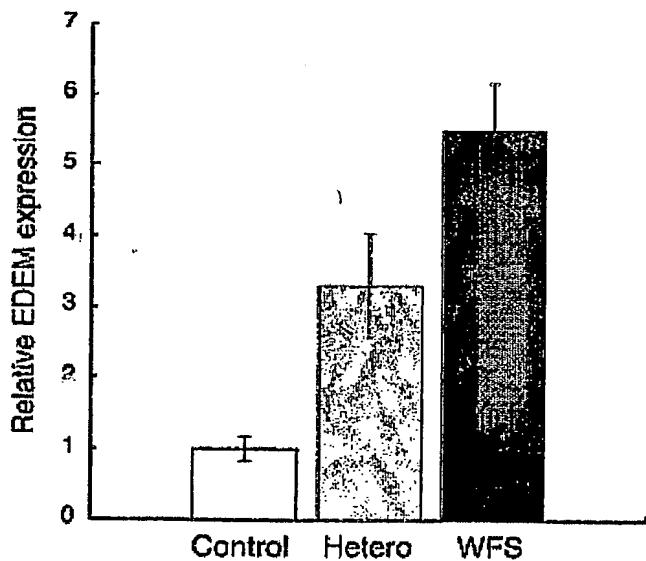
Figure 13A**Figure 13B****Figure 13C**

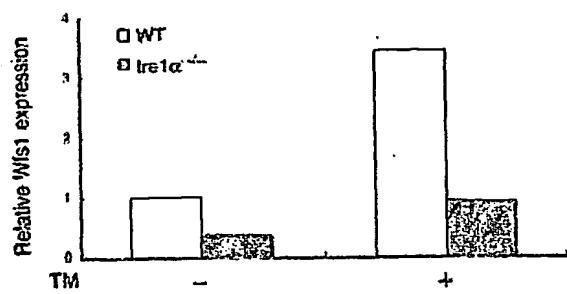
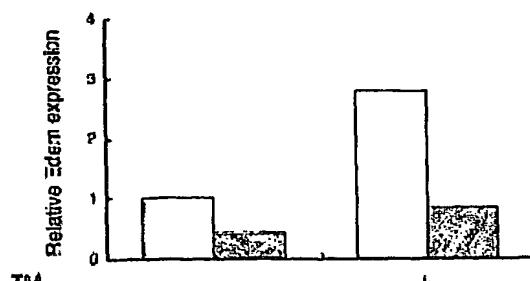
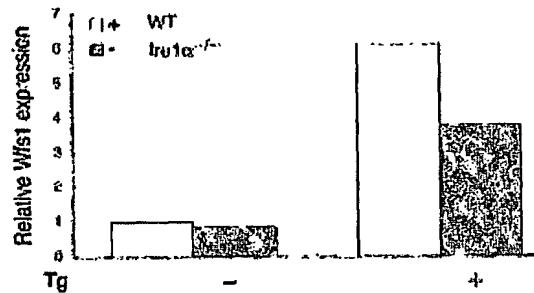
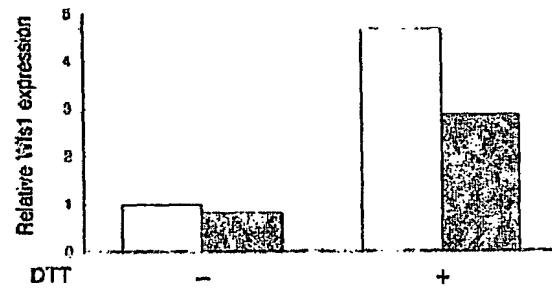
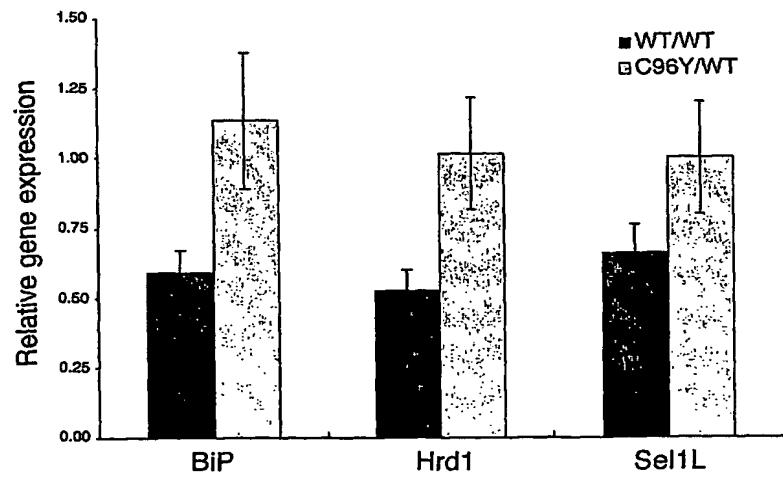
Figure 14A**Figure 14B****Figure 14C****Figure 14D****Figure 15**

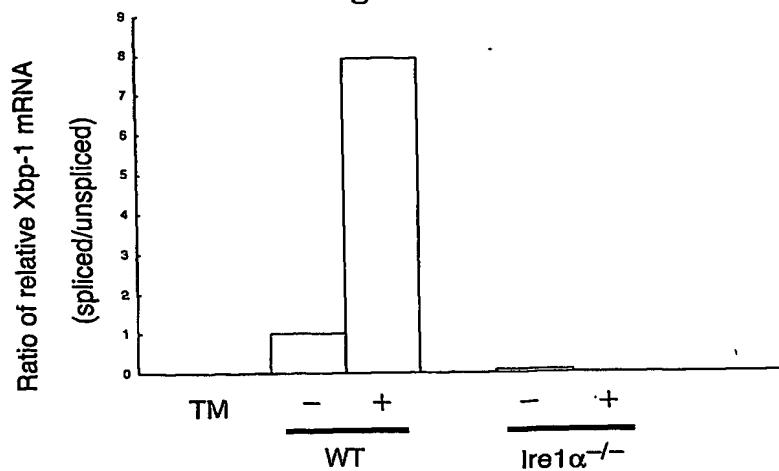
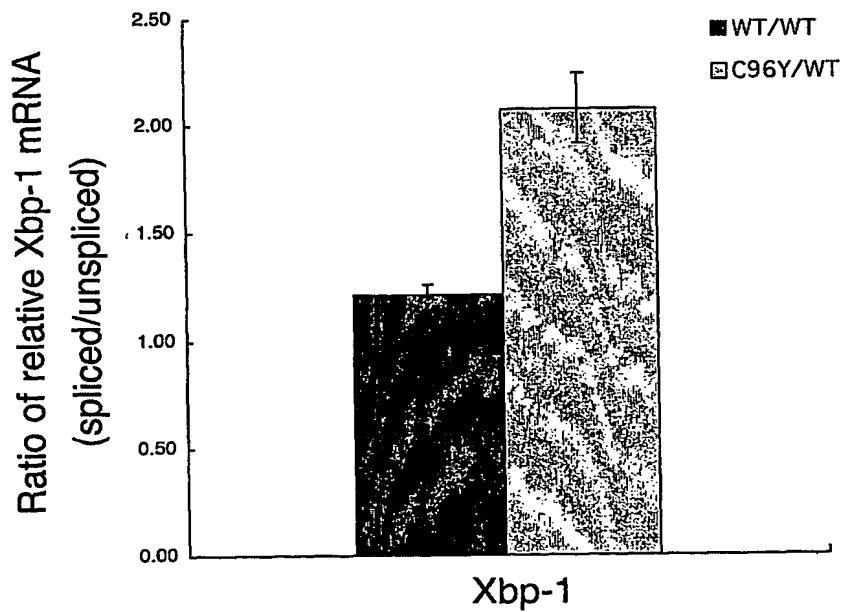
Figure 16**Figure 17**

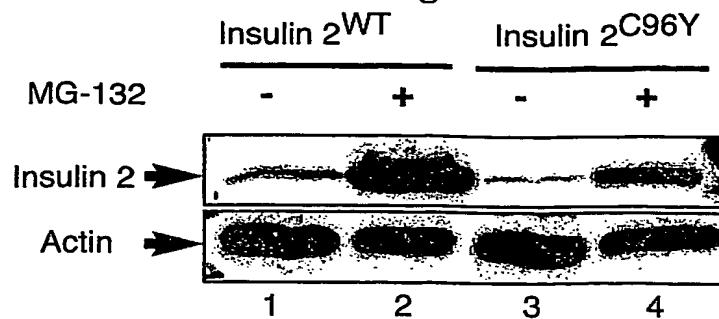
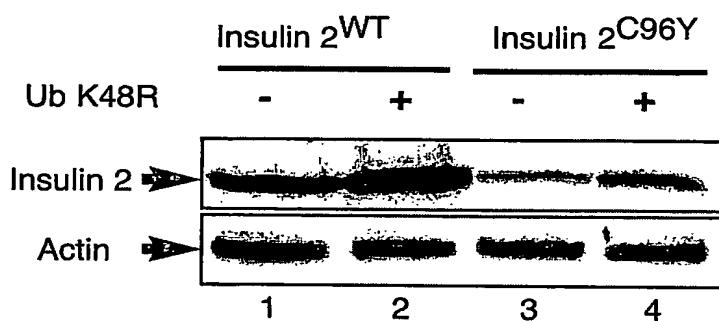
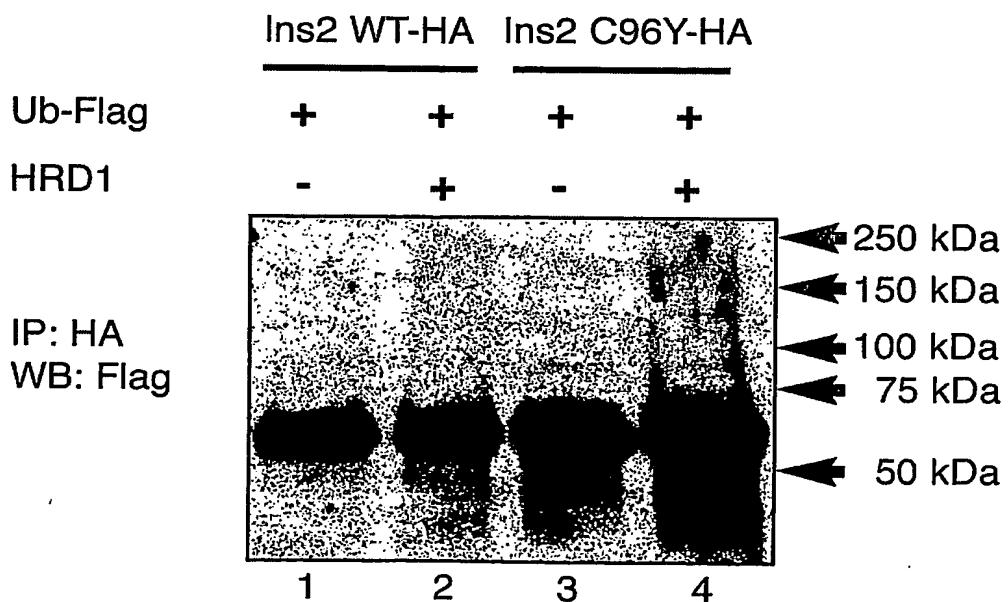
Figure 18**Figure 19****Figure 20**

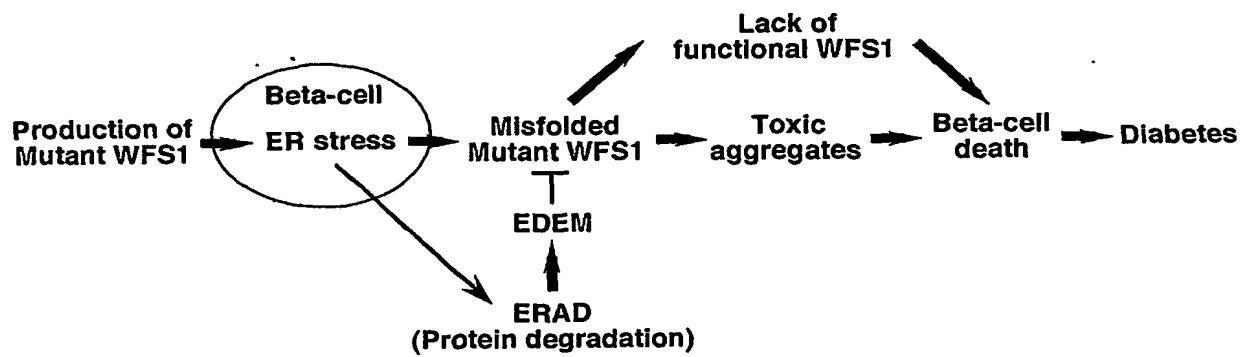
Figure 21

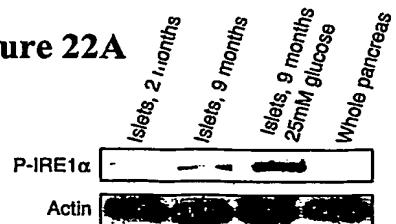
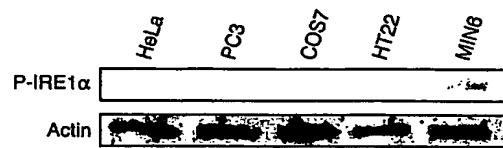
Figure 22A**Figure 22B**

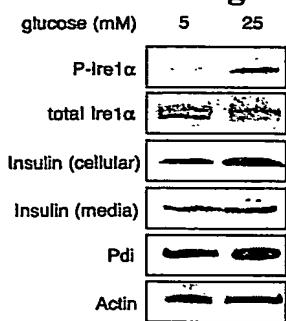
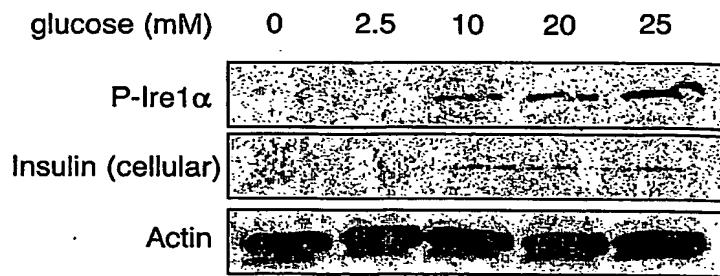
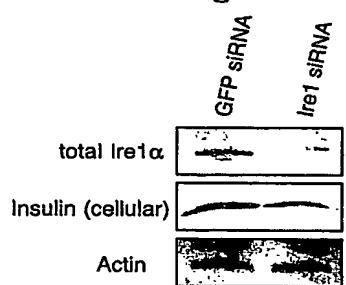
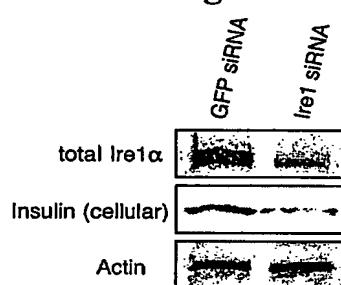
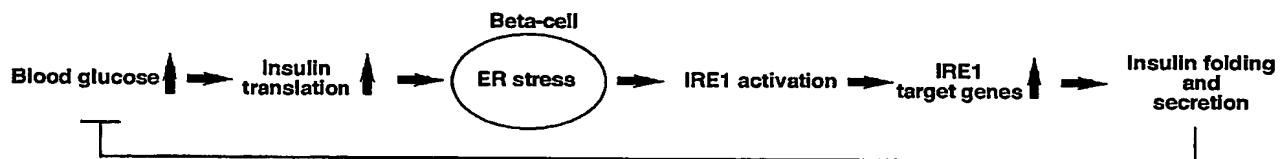
Figure 23A.**Figure 23B.****Figure 24A****Figure 24B****Figure 25**

Figure 26A

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Figure 26B

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 481 agltpeelra legherqhle arlqlsrlnh tlldaamliq nqyltvlasl gpprpatsvn
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Figure 27A

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 781 cttcatgacc atcatatca aggtgcacac cttttccatc ttggccatcc gccccatgt
 841 cctggccatg agacagttca aaaaaggtgt gacagatgcc atcatgttcc gccgagccat
 901 ccgcaacatg aacaccctgt atccagatgc caccggcagag gagctccagg caatggacaa
 961 tgtctgcattt atctggcag aagagatggt gactgggcc aagagactgc cctgcaacca
 1021 cattttccat accagctgcc tgcgtctcg gttccagcgg cagcagaccc gccccacctg
 1081 ccgtatggat gtccttcgtg catcgctgcc agcgcagtca ccaccacccc cggagctgc
 1141 gatcagggg ccacccctg ccccccaccc cccaccactc ttggctcagc ccccaactt
 1201 ccccccaggcc ctccgtcctc cttttctcc aggcatttcc ccactgtggc ccccatatggg
 1261 ccccttccca cctgtccgc cttttttccag ctcaggagag gctgtggctc ctccatccac
 1321 cagtgcagca gcccatttcg gccccagttt agcagctaca accacagctg ctggcaccag
 1381 tgctactgtt gtttctgc cagcatctgg cccaggctt ggtctgtccc cagaggctgg
 1441 ccctggccctt gttttttctt tcccttcctt ctggatgggt atggccctgc ctccaccctt
 1501 tgccttccccc ccaatgcctg tggcccttgc gggcttgc gggctgaccc cagaggagct
 1561 acgagctctg gaggggcatg agcggcagca cctggaggcc cggctgcaga gcctgcgtaa
 1621 catccacaca ctgctggacg cggccatgtt gcagatcaac cagatctca cctgtctggc
 1681 ctccctgggg ccccccggc ctgcccattt agtcaactcc actgaggaga ctgcccactac
 1741 agttgttget gctgcctctt ccaccagcat ccctagctca gaggccacga ccccaacccc
 1801 aggagctcc accaccagccc ctgaaatgg aaggcctcca gctcttgatc cagtggcac
 1861 agaggagatg cctgaggatg gagagcccg a tgcagcagag ctccggccggc gccgcctgca
 1921 gaagctggag ttccttgc cccactgaca ctgcccagc ccagccccag cctctgtct
 1981 tttgagcagc ctcgcgttgc acatgtctgc ccaccaatgtt ccagctccct ctctgtctgc
 2041 accaggagatg agtacccca gctcttgatc agaggccgc tcccttaggc caagtggaaa
 2101 gaggctgggg ttcccttgc ttccttgc ttccttgc caggcagcc tgggatctc ggtcaggatc
 2161 cagccttcc tcccaactct tcagccctgt gttctgtgg ggcctgatgaag gcagaagtt
 2221 tagcctctga gaagccctct tttttttccca ccccttccca ggagaagggg ctgcccctcc
 2281 aagccctact tttatgttgc ggttccatc gcaatgttgc acatgtttag ctccctgtcc
 2341 caagtgttgc ctccagaggg gctggaggca agctatgttgc ttgtctgtc gccccccct
 2401 aagactggta cccatttcc ttcttaccc ttttttttttccca agaaggctct ttttttttttgc
 2461 gctgtggccc ctatgccttgc tggcatttttgc ggttcttact ggcaaccaca caactcagg
 2521 aaaggaatgc ctgggatgg gggatggcaggg gggcagactt gaggaccct gcccccccc
 2581 tcccccaggcc ccccttccct ctgcagtttgc tcaatgttgc ctgacccgtc tcacccagca
 2641 gccactgccc agccgcactt caggcaaggg ccagtgccgc tggccctgtc cactgcaatc
 2701 ccagcggccca agaaggccca ctcttcaactt ggcagaactt ctgaatgttgc gaattggaaat
 2761 tacttcctta ctgtgttgc ttttttttttgc ttttttttttgc ttttttttttgc ttttttttttgc
 2821 cggggaaagag gaacaggatg gcaatgttgc ttttttttttgc ttttttttttgc ttttttttttgc
 2881 ccaaggaggg accacaggag ctgggacctt ctttttttttgc ttttttttttgc ttttttttttgc
 2941 gttacaagag ttgttggaga ctttttttttgc ttttttttttgc ttttttttttgc ttttttttttgc
 3001 ttttaatgttgc ttttttttttgc ttttttttttgc ttttttttttgc ttttttttttgc ttttttttttgc
 3061 aaaaaaaaaaaaaaaa aaaaaaaa (SEQ ID NO:40)

Figure 27B

1 mfrtavmmmaa slaltgavva hayylkhqfy ptvvytkss psmavlyiga fvlvfllgkv
 61 mgkvffgqlr aaemehller swyavtetcl aftyfrddfs prfvalftll lflkcfhwla
 121 edrvdfmers pniswlhcr ivslmfllgi ldflfvshay hsilrtrgav qlvfgfeyai
 181 lmtmvlifti kyvlhsvdq senpvdnkav ymlytelftq fikvllymaf mtimikvhtf
 241 plfairpmyl amrqfkavt daimsrrair nmntlypdat peelqamdnv ciicreemvt
 301 gakrlpcnhi fhtsclrswf qrqqtctpcr mdvlraslpa qspapppedap qgpppapphpp
 361 pllpqppnfpg qgllppfppg mflwppmfp fppvpppss geavappsts aaalsrpsga
 421 atttaaatgttgc taasatasgp ggsapeagp apgfpfpppwm gmpfpppfa fppmpvppag
 481 fagltpeelr alegherqhl earlqlsrlni htlldaamlq inqyltvlas lgpprpatv
 541 nsteetatttv vaaassttgc sseattptpg asppapemer ppapessvgte empedgepda
 601 aelrrrrrlqk lespvah (SEQ ID NO:41)

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